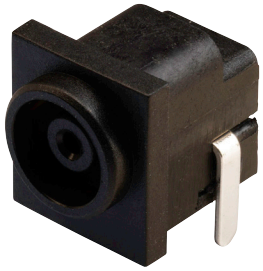
CUI Devices is now Same Sky! Learn More

MODEL: PJ-025 | DESCRIPTION: DC POWER JACK

FEATURES

- EIAJ-5 center pin
- 3 A current rating
- kinked pins



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				3	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

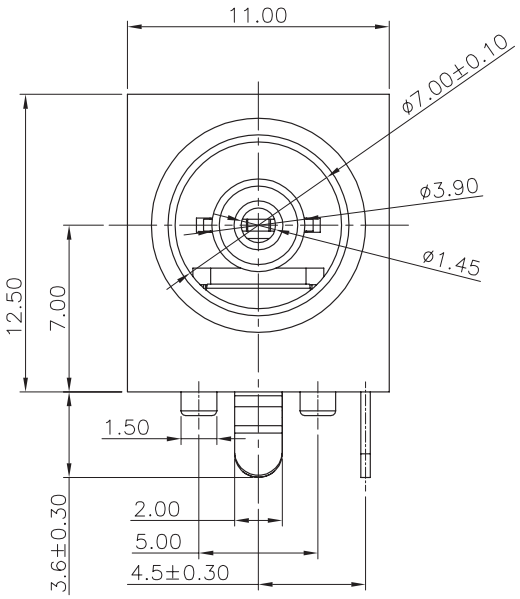
SOLDERABILITY

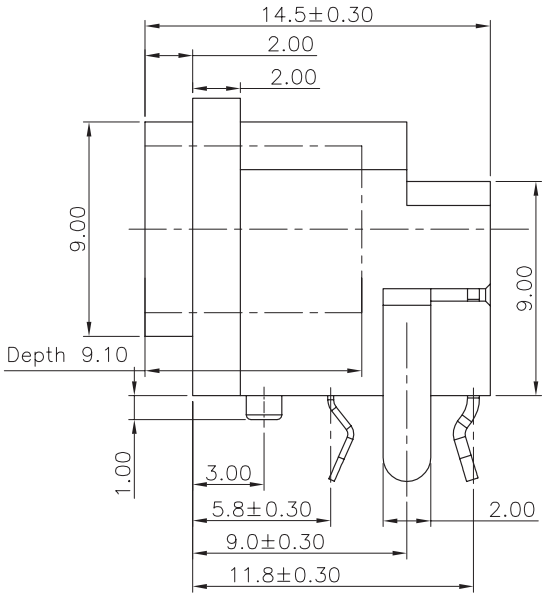
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

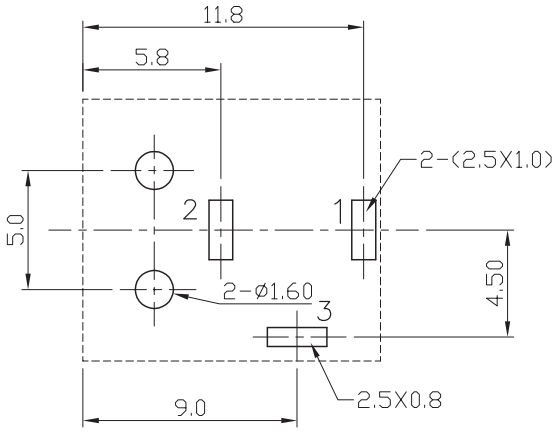
MECHANICAL DRAWING

units: mm
tolerance:
X. ±0.50 mm
X.X ±0.30 mm
X.XX ±0.20 mm
X.XXX ±0.10 mm
PCB: ±0.05 mm

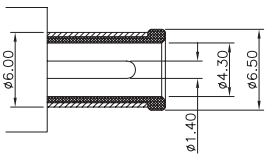
DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	bronze t=0.50	silver
terminal 2	bronze t=0.25	silver
terminal 3	brass t=0.40	silver
insulator	PA66 (UL94V-0)	black



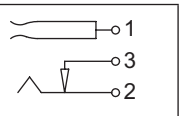




Recommended PCB Layout
Top View



MATING PLUG
Jack Insertion Depth: 9.1 mm

SCHEMATIC	
Model	PJ-025
Center Pin	EIAJ-5 (1.4mm)

REVISION HISTORY

rev.	description	date
1.0	initial release	12/12/2005
1.01	applied new spec template	05/03/2016
1.02	brand update	11/06/2019
1.03	logo, datasheet style update	08/05/2022
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	01/24/2023
1.05	CUI Devices rebranded to Same Sky	09/12/2024

The revision history provided is for informational purposes only and is believed to be accurate.

same sky

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CMM-2718AT-42316-TR DS01C-254-S-03BE PJ-067B CFM-2510B-0130-275 CFM-6015V-239-292-20
CMA-4544PF-W SJ-43516-SMT-TR-PI CBT-09427-SMT-TR SJ1-3535N CMI-9653S-SMT-TR
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